

## Abstract

The present invention relates to a method and a device  
5 for forming the intensity profile of a laser beam, in  
particular for producing a homogeneous intensity profile,  
the laser beam striking an optically addressable spatial  
light modular (OASLM), whose local transmission or  
reflection properties depend in nonlinear fashion on the  
10 local illumination intensity. By using an OASLM of this  
kind, a beam former is created, which, in principle,  
without any additional external influence, automatically  
generates a virtually rectangular beam profile, which is  
independent of fluctuations in the initial intensity  
15 distribution and is suited for use in any laser system at  
all.

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